

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	modif\$4 near3 gain near3 encoded near4 signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 14:55
L2	2	("5519807").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:13
L3	21	((WALTER) near2 (ETTER)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L4	1445	(chang\$3 or alter\$3 or switch \$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain near4 (paramet\$3 or criteri\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L5	95506	(speech or voice or vocal or acoustic\$2) near2 signal	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L6	398744	cyclic\$2	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L7	4	(increment\$4 or increas\$3 or enlarg\$3 or rais\$3) near5 (codebook or code\$1book) near5 gain near5 (index\$5 or indices)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L8	1	"6738733".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L9	2	("20060215860").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L10	3	("7110349").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L11	2	("5006992").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49

L12	2	("4920499").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L13	2	("5797118").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L14	2	("5784532").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L15	50154	variable near2 rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L16	492	L15 with gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L17	61673	(chang\$3 or alter\$3 or switch \$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L18	165	L16 and L17	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L19	136	L18 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L20	18	L19 and (codebook or code \$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L21	847	(chang\$3 or alter\$3 or switch \$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 fixed near3 gain	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L22	35	L21 and L15	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L23	31	L22 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49

L24	18973	gain near4 (spread\$3 or dispers\$3 or separat\$3 or segment\$4 or divi\$4 or spars \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L25	2	("20050071155").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L26	618	L24 same (frame or subframe or sub\$1frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L27	466	L26 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L28	432	L27 and signal	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L29	192	L28 and speech	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L30	169	L27 and (speech near2 signal)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L31	100	(US-20050071155-\$).did. or (US-5699485-\$ or US-5274739-\$ or US-5909662-\$ or US-5664055-\$ or US-5732389-\$ or US-4980916-\$ or US-5313554-\$ or US-5457783-\$ or US-5659661-\$ or US-5787389-\$ or US-5797118-\$ or US-5875423-\$ or US-5893056-\$ or US-5915234-\$ or US-5966689-\$ or US-6006178-\$ or US-6052661-\$ or US-6202048-\$ or US-4963034-\$ or US-4969192-\$ or US-5007092-\$ or US-5060269-\$ or US-5195168-\$ or US-5230036-\$ or US-5233660-\$ or US-5245662-\$).did. or (US-5293449-\$ or US-5305332-\$ or US-5307441-\$ or US-5321793-\$ or US-5359696-\$ or US-5426718-\$ or US-5451951-\$ or US-5455888-\$ or US-5479559-\$ or US-5485581-\$ or US-5487128-\$ or US-5490230-\$ or US-5519807-\$ or US-5526464-\$ or US-5550543-\$ or US-5598504-\$ or US-5602961-\$	US-PGPUB; USPAT	OR	ON	2008/04/23 15:49

		or US-5621853-\$ or US-5623575-\$ or US-5633980-\$ or US-5651090-\$ or US-5651091-\$ or US-5657418-\$ or US-5657419-\$ or US-5666464-\$ or US-5680507-\$ or US-5682407-\$).did. or (US-5699477-\$ or US-5706395-\$ or US-5708756-\$ or US-5717824-\$ or US-5724480-\$ or US-5729655-\$ or US-5732188-\$ or US-5732390-\$ or US-5745871-\$ or US-5751903-\$ or US-5752223-\$ or US-5774838-\$ or US-5774840-\$ or US-5778334-\$ or US-5797119-\$ or US-5799271-\$ or US-5799131-\$ or US-5802109-\$ or US-5806024-\$ or US-5812966-\$ or US-5819215-\$ or US-5826226-\$ or US-5832180-\$ or US-5845243-\$ or US-5862518-\$ or US-5864797-\$ or US-5873060-\$).did. or (US-5884252-\$ or US-5893061-\$ or US-5909663-\$ or US-5924063-\$ or US-5953697-\$ or US-5960389-\$ or US-5963896-\$ or US-6003001-\$ or US-6009395-\$ or US-6009388-\$ or US-6012024-\$ or US-6014622-\$ or US-6016468-\$ or US-6023672-\$ or US-6041298-\$ or US-RE36646-\$ or US-6052660-\$ or US-6073092-\$ or US-6094630-\$).did.				
L32	847	(chang\$3 or alter\$3 or switch\$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 fixed near3 gain	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L33	5	L31 and L32	US-PGPUB; USPAT	OR	ON	2008/04/23 15:49
L34	4923	gain near4 distribut\$3	US-PGPUB; USPAT	OR	ON	2008/04/23 15:49
L35	4128	L34 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L36	50154	variable near2 rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49

L37	492	L36 with gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L38	61673	(chang\$3 or alter\$3 or switch \$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L39	165	L37 and L38	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L40	136	L39 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L41	18	L40 and (codebook or code \$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L42	0	L35 and L41	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L43	3	L35 and (codebook or code \$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L44	545666	L35 and fixed gain	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L45	62	L34 same (frame or subframe or sub\$1frame)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L46	37	L45 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L47	31	balanc\$3 near4 gain near4 (frame or subframe or sub \$1frame)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L48	22	L47 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L49	125	(increas\$3 or increment\$3) near4 gain near3 (index\$3 or indices)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L50	80	L49 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L51	4	L49 same (codebook or code \$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L52	827	gain near4 (increas\$3 or increment\$3) near8 (dispers \$3 or distribut\$3 or spread\$3 or divi\$4 or spars\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L53	824	L52 not L50	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L54	4	L53 and (codebook or code \$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49

L55	5084	level near3 increment	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L56	549125	L55 gain	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L57	1625	L55 and gain	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L58	10	L57 and codebook	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L59	8	L58 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L60	715936	gsm and amr and codec and (level or volume) and increment amd gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L61	0	L60 and coarse near5 quantization and "3.5dB" and (step or increment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L62	324	L60 and coarse near5 quantization and (step or increment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L63	244	L62 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L64	0	L61 and gsm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L65	0	L61 and amr	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L66	23	L62 and gsm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49

L67	81	time-dispersed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L68	1	temporal near3 gain near3 dispersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L69	64	(sub\$1frame or subframe) same (cycle or cyclical) near3 period	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L70	12	"6782360"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L71	2	("6581032").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L72	863	(704/226).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L73	892	parameter with fixed with gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L74	268	parameter with fixed with gain with codebook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L75	28	parameter with fixed with gain with codebook with may	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49

L76	20	L75 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L77	54	different with gain with (subframe or sub\$1frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L78	32	L77 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/23 15:49
L79	22	(US-20050071155-\$ or US-20050143987-\$ or US-20040242174-\$ or US-20030103579-\$ or US-20050053130-\$ or US-20060159427-\$ or US-20040027317-\$ or US-20060224389-\$ or US-20040158463-\$ or US-20030200092-\$).did. or (US-6738733-\$ or US-5797118-\$ or US-6961698-\$ or US-6721368-\$ or US-5960389-\$ or US-6493333-\$ or US-6691082-\$ or US-4694453-\$ or US-6581032-\$ or US-6240385-\$ or US-6577606-\$ or US-6563807-\$ or US-5719993-\$ or US-5657418-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/23 15:49
L80	18	L79 and level	US-PGPUB; USPAT	OR	ON	2008/04/23 15:49
L81	6	L79 and volume	US-PGPUB; USPAT	OR	ON	2008/04/23 15:49
L82	15	L79 and fixed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49
L83	22	(US-20050071155-\$ or US-20050143987-\$ or US-20040242174-\$ or US-20030103579-\$ or US-20060159427-\$ or US-20040027317-\$ or US-20050053130-\$ or US-20060224389-\$ or US-20040158463-\$ or US-20030200092-\$).did. or (US-5797118-\$ or US-6240385-\$ or US-5719993-\$ or US-5657418-\$ or US-6493333-\$	US-PGPUB; USPAT	OR	ON	2008/04/23 15:49

		or US-6738733-\$ or US-6691082-\$ or US-4694453-\$ or US-6577606-\$ or US-6563807-\$ or US-6961698-\$ or US-6721368-\$ or US-5960389-\$ or US-6581032-\$). did.				
L84	15	L83 and fixed	US-PGPUB; USPAT	OR	ON	2008/04/23 15:49
L85	2	("5970442").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L86	2	("6438518").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L87	2	("20040184537").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L88	2	("20040243404").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L89	2	("5710863").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L90	0	("ep20030022251").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
L91	0	ep20030022251	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/23 15:49

L92	2	("20050071155").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/23 15:49
S1	19	((WALTER) near2 (ETTER)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:00
S2	1262	(chang\$3 or alter\$3 or switch \$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain near4 (paramet\$3 or criteri\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:10
S3	85214	(speech or voice or vocal or acoustic\$2) near2 signal	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:01
S4	364952	cyclic\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:00
S5	4	(increment\$4 or increas\$3 or enlarg\$3 or rais\$3) near5 (codebook or code\$1book) near5 gain near5 (index\$5 or indices)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:01
S6	1	"6738733".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:02
S7	2	("20060215860").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:02
S8	3	("7110349").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:02
S9	2	("5006992").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:02
S10	2	("4920499").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:03

S11	3	("5797118").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:09
S12	2	("5784532").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:03
S13	46286	variable near2 rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 17:09
S14	456	S13 with gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 17:09
S15	55613	(chang\$3 or alter\$3 or switch \$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:16
S16	151	S14 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:11
S17	127	S16 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:54
S18	17	S17 and (codebook or code \$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:12
S19	754	(chang\$3 or alter\$3 or switch \$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 fixed near3 gain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 10:06
S20	30	S19 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:17
S21	28	S20 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 10:59
S22	17197	gain near4 (spread\$3 or dispers\$3 or separat\$3 or segment\$4 or divi\$4 or spars \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:47

S23	2	("20050071155").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:53
S24	542	S22 same (frame or subframe or sub\$1frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 17:54
S25	431	S24 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:54
S26	397	S25 and signal	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:55
S27	171	S26 and speech	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:56
S28	149	S25 and (speech near2 signal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 17:56
S29	100	(US-20050071155-\$.did. or (US-5699485-\$. or US- 5274739-\$. or US-5909662-\$. or US-5664055-\$. or US- 5732389-\$. or US-4980916-\$. or US-5313554-\$. or US- 5457783-\$. or US-5659661-\$. or US-5787389-\$. or US- 5797118-\$. or US-5875423-\$. or US-5893056-\$. or US- 5915234-\$. or US-5966689-\$. or US-6006178-\$. or US- 6052661-\$. or US-6202048-\$. or US-4963034-\$. or US- 4969192-\$. or US-5007092-\$. or US-5060269-\$. or US- 5195168-\$. or US-5230036-\$. or US-5233660-\$. or US- 5245662-\$.).did. or (US- 5293449-\$. or US-5305332-\$. or US-5307441-\$. or US- 5321793-\$. or US-5359696-\$. or US-5426718-\$. or US- 5451951-\$. or US-5455888-\$. or US-5479559-\$. or US- 5485581-\$. or US-5487128-\$. or US-5490230-\$. or US- 5519807-\$. or US-5526464-\$. or US-5550543-\$. or US- 5598504-\$. or US-5602961-\$. or US-5621853-\$. or US- 5623575-\$. or US-5633980-\$. or US-5651090-\$. or US- 5651091-\$. or US-5657418-\$. or US-5657419-\$. or US-	US-PGPUB; USPAT	OR	ON	2007/04/05 10:07

		5666464-\$ or US-5680507-\$ or US-5682407-\$).did. or (US-5699477-\$ or US-5706395-\$ or US-5708756-\$ or US-5717824-\$ or US-5724480-\$ or US-5729655-\$ or US-5732188-\$ or US-5732390-\$ or US-5745871-\$ or US-5751903-\$ or US-5752223-\$ or US-5774838-\$ or US-5774840-\$ or US-5778334-\$ or US-5797119-\$ or US-5799271-\$ or US-5799131-\$ or US-5802109-\$ or US-5806024-\$ or US-5812966-\$ or US-5819215-\$ or US-5826226-\$ or US-5832180-\$ or US-5845243-\$ or US-5862518-\$ or US-5864797-\$ or US-5873060-\$).did. or (US-5884252-\$ or US-5893061-\$ or US-5909663-\$ or US-5924063-\$ or US-5953697-\$ or US-5960389-\$ or US-5963896-\$ or US-6003001-\$ or US-6009395-\$ or US-6009388-\$ or US-6012024-\$ or US-6014622-\$ or US-6016468-\$ or US-6023672-\$ or US-6041298-\$ or US-RE36646-\$ or US-6052660-\$ or US-6073092-\$ or US-6094630-\$).did.				
S30	754	(chang\$3 or alter\$3 or switch\$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 fixed near3 gain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 10:07
S31	5	S29 and S30	US-PGPUB; USPAT	OR	ON	2007/04/05 10:58
S32	4346	gain near4 distribut\$3	US-PGPUB; USPAT	OR	ON	2007/04/05 10:58
S33	3883	S32 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:07
S34	46332	variable near2 rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 11:00
S35	456	S34 with gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 11:00

S36	55660	(chang\$3 or alter\$3 or switch\$3 or replac\$3 or modif\$4 or exchang\$3 or different) near4 gain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 13:49
S37	151	S35 and S36	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:00
S38	127	S37 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:00
S39	17	S38 and (codebook or code\$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:01
S40	0	S33 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:01
S41	3	S33 and (codebook or code\$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:04
S42	494972	S33 and fixed gain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:04
S43	45	S32 same (frame or subframe or sub\$1frame)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:07
S44	33	S43 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 12:02
S45	28	balanc\$3 near4 gain near4 (frame or subframe or sub\$1frame)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:57
S46	22	S45 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 13:21
S47	100	(increas\$3 or increment\$3) near4 gain near3 (index\$3 or indices)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 12:25
S48	78	S47 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 13:52
S49	4	S47 same (codebook or code\$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 12:06
S50	761	gain near4 (increas\$3 or increment\$3) near8 (dispers\$3 or distribut\$3 or spread\$3 or divi\$4 or spars\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 12:31
S51	758	S50 not S48	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 12:31
S52	3	S51 and (codebook or code\$1book)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 12:34
S53	4572	level near3 increment	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 13:20
S54	498102	S53 gain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 13:20
S55	1442	S53 and gain	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 13:20

S56	9	S55 and codebook	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 13:20
S57	8	S56 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 17:23
S58	655551	gsm and amr and codec and (level or volume) and increment amd gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 13:50
S59	0	S58 and coarse near5 quantization and "3.5dB" and (step or increment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 13:51
S60	269	S58 and coarse near5 quantization and (step or increment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 13:55
S61	227	S60 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 13:52
S62	0	S59 and gsm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 13:56
S63	0	S59 and amr	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 13:56
S64	15	S60 and gsm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 14:40
S65	75	time-dispersed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 14:59

S66	1	temporal near3 gain near3 dispersion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:11
S67	60	(sub\$1frame or subframe) same (cycle or cyclical) near3 period	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 16:14
S68	7	"6782360"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 17:02
S69	2	("6581032").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:15
S70	788	(704/226).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:20
S71	770	parameter with fixed with gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 17:20
S72	221	parameter with fixed with gain with codebook	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 17:21
S73	24	parameter with fixed with gain with codebook with may	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 17:21
S74	19	S73 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 17:44

S75	39	different with gain with (subframe or sub\$1frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 17:44
S76	27	S75 and (@ad<"20030930" or @prad<"20030930" or @rlad<"20030930")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 17:44
S77	24	(US-20050071155-\$ or US- 20050143987-\$ or US- 20040242174-\$ or US- 20030103579-\$ or US- 20050053130-\$ or US- 20060159427-\$ or US- 20040027317-\$ or US- 20060224389-\$ or US- 20040158463-\$ or US- 20030200092-\$).did. or (US- 6738733-\$ or US-5797118-\$ or US-6961698-\$ or US- 6721368-\$ or US-5960389-\$ or US-6493333-\$ or US- 6691082-\$ or US-4694453-\$ or US-6581032-\$ or US- 6240385-\$ or US-6577606-\$ or US-6563807-\$ or US- 5719993-\$ or US-5657418-\$). did.	US-PGPUB; USPAT	OR	ON	2007/04/09 10:01
S78	19	S77 and level	US-PGPUB; USPAT	OR	ON	2007/04/09 10:02
S79	7	S77 and volume	US-PGPUB; USPAT	OR	ON	2007/04/09 10:01
S80	17	S77 and fixed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/09 11:08
S81	24	(US-20050071155-\$ or US- 20050143987-\$ or US- 20040242174-\$ or US- 20030103579-\$ or US- 20060159427-\$ or US- 20040027317-\$ or US- 20050053130-\$ or US- 20060224389-\$ or US- 20040158463-\$ or US- 20030200092-\$).did. or (US- 5797118-\$ or US-6240385-\$ or US-5719993-\$ or US- 5657418-\$ or US-6493333-\$ or US-6738733-\$ or US- 6691082-\$ or US-4694453-\$ or US-6577606-\$ or US- 6563807-\$ or US-6961698-\$	US-PGPUB; USPAT	OR	ON	2007/04/09 14:48

		or US-6721368-\$ or US-5960389-\$ or US-6581032-\$). did.				
S82	17	S81 and fixed	US-PGPUB; USPAT	OR	ON	2007/04/09 17:25
S83	2	("5970442").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:44
S84	2	("6438518").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 12:44
S85	2	("20040184537").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 12:45
S86	2	("20040243404").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/03 18:57
S87	2	("5710863").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/15 15:59
S88	0	("ep20030022251").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/15 15:59
S89	0	ep20030022251	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 15:59
S90	2	("20050071155").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/22 17:51

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